

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #: Title:				Test Date/Time: 07/14/09 2245			
Site/Program: CCAFS/Delta II		Location: Pad 17A		Mission: GPS IIR-21		Effectivity:	
Creator: Dyer, James Phone: 321-853-1909		Work Group: Tech Services Group		Shift: 2		Note Created: 07/14/09 2253 Note Updated:	
Title of Test: CX 17 Second Shift Test Notes							
Description of Test							
F12-T4 Simulated Flight securing complete.							
F23-T4 SRM Insulation Installation active. FWD fairing insulation installation complete to cure.							
F12-T1 Connector Verification active. Boattail and VE verification complete.							
17B: F20-T6 Payload to blockhouse ringout active. Continuity checks complete.							
Pad walkdowns complete.							
CCN: Hours:							
Attachments							

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #: Title: F22 FLATNESS CHECKS 2ND STAGE				Test Date/Time: 07/15/09			
Site/Program: CCAFS/Delta II		Location: Pad 17B		Mission: STSS		Effectivity:	
Creator: McCreary, Mark Phone: 321-476-3219		Work Group: Engineering Mechanical		Shift: 1		Note Created: 07/15/09 1511 Note Updated:	
Title of Test: F22 FLATNESS CHECKS 2ND STAGE							
Description of Test							
AWAITING FINAL RESULTS, INITIAL RESULTS INDICATE THAT MUCH SHIMMING IS REQUIRED.							
CCN: Hours:							
Attachments							

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #: Title: F12T2 DCI 001				Test Date/Time: 07/15/09 0800			
Site/Program: CCAFS/Delta II		Location: Pad 17A		Mission: GPS IIR-21		Effectivity:	
Creator: LeVey, Dale Phone: 321-476-3006		Work Group: Engineering Electrical		Shift: 1		Note Created: 07/15/09 1608 Note Updated:	
Title of Test: VE1 Prop valve intermittent open talkback troubleshooting							
Description of Test							
<p>Performed troubleshooting of the VE1 prop valve intermittent open talkback. Was unable to reproduce problem with just the ve prop valves energized. Cycled ve valves 5 times. Cycled ledex switch (umbilical disconnect) and again unable to reproduce problem by energizing ve valves.</p> <p>Continued with engine sequences in F11T1. Problem repeated with all 3 engine sequences in F11T1. Was able to capture stripchart data for 2 of the 3 failures within VCR 1. Suspect LPA card A10A2 is at fault. R&R'd card which created several new problems. Down for phase 2 for 2 hours. R&R'd LPA card again and verified some of the new problems were fixed. Powered down for end of shift. Plan to continue in AM.</p>							
CCN: Hours:							
Attachments							

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #: Title:				Test Date/Time: 07/15/09			
Site/Program: CCAFS/Delta II		Location: Pad 17A		Mission: GPS IIR-21		Effectivity:	
Creator: Bargers, Mike Phone: 321-476-3127		Work Group: Engineering Propulsion		Shift: 1		Note Created: 07/15/09 1615 Note Updated:	
Title of Test: F11 TASK 01							
Description of Test							
<p>PERFORMED POWER TURN ON, PAD SET-UPS, AND PNEUMATIC SET-UPS.</p> <p>COMPLETED HE AND GN2 SYSTEM LEAK CHECKS</p> <p>COMPLETED F12 DCI #1 - TROUBLESHOOTING V.E. # 1 OPEN CYCLING. UNABLE TO REPEAT ANOMALY THAT OCCURRED DURING ENGINE SEQUENCE.</p> <p>CONTINUED WITH ENGINE SEQUENCE TEST TO ATTEMPT TO REPEAT ANOMALY.THE ANOMALY OCCURRED AGAIN DURING ENGINE SEQUENCE.</p> <p>NO FURTHER TESTING IN F11 WAS PERFORMED DUE TO TROUBLESHOOTING PER F12 DCI #1 AND WEATHER DELAY FOR PHASE 2.</p> <p>SECURED FROM F11 TESTING PER DCI #4.</p>							
CCN: Hours:							
Attachments							

Test Notes

Test Procedure/Task: DCI - Hdwe Anom-F052 T1 R:R35 I:1 DCI 001				Test Date/Time: 07/15/09	
Rev: Issue: 1		DWP #: 144460		WO #:	
Title: FECU_A first stage condensor motor bearing bad - R/R					
Site/Program: CCAFS/Delta II		Location: Pad 17A		Mission: GPS IIR-21	
Effectivity:					
Creator: Angel, David		Work Group: Tech Services Group		Shift: 1	
Phone: 321-853-1935				Note Created: 07/15/09 1729	
				Note Updated:	
Title of Test: FECU Condenser Motor R/R					
Description of Test					
Completed replacement of Condenser motor					
CCN: W1RCKTSU-S					
Hours: 2					
Attachments					

Test Notes

Test Procedure/Task:				Test Date/Time: 07/15/09	
Rev: Issue:		DWP #:		WO #:	
Title: Upperstage Processing					
Site/Program: CCAFS/Delta II		Location: Navstar Processing Facility		Mission: GPS IIR-21	
Effectivity:					
Creator: Haithcoat, James		Work Group: Engineering Mechanical		Shift: 1	
Phone: 321-476-3145				Note Created: 07/15/09 1438	
				Note Updated:	
Title of Test: Upperstage Processing					
Description of Test					
<p>G208 Task003</p> <p>S/C transport trailer received at NPF and positioned in NPF high bay. Trailer cleaned.</p> <p>S/C can sections retrieved and positioned in High Bay.</p> <p>Phase II lightning warning at 1330.</p> <p>Can buildup to continue tomorrow and Friday. Can up planned for mon/tues for a wednesday delivery to DPF to support Spacecraft mate next Thursday.</p>					
CCN:					
Hours:					
Attachments					

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #: Title:				Test Date/Time: 07/15/09 0800			
Site/Program: CCAFS/Delta II		Location: Battery Lab - DII		Mission: GPS IIR-21		Effectivity:	
Creator: Dehestani, Nahid Phone: 321-853-5235		Work Group: Engineering Electrical		Shift: 1		Note Created: 07/15/09 1704 Note Updated: 07/15/09 1717	
Title of Test: GPS IIR-21 battery processing							
Description of Test							
<p>5 AH batteries of LDC 0718, serial numbers 5-0002 and 5-0003 were activated today; both batteries remain in extended soak.</p> <p>Initial cell voltage scan for S/N 5-0002 @ 12:01 indicated that nine (9) cells did not reach the expected min voltage 1.82 VDC, the noted battery remained in continuous monitoring till the end of shift, a final voltage scan @ 15:45 indicated that only seven (7) cells did not reach the expected 1.82 VDC</p> <p>The 2nd 5 AH battery S/N 5-0003 was activated in the early afternoon; Initial cell voltage scan for S/N 5-0003 @ 15:21 indicated that eight (8) cells did not reach the expected min voltage of 1.82 VDC</p> <p>It was pre-coordinated with the battery RE to monitor the noted batteries only during the normal working hours (7:30 AM to 4:00 PM), should cell voltages did not come up to 1.82 VDC</p> <p>Hardware anomalies DWP 144510 (M570-R30-2nd issue-DCI 4) and DWP 144518 (M570-R30-3rd issue-DCI 4) were generated to document "cell voltage scans not taken continuously every 4+/-2 hours" per TE3003B condition 5</p>							
CCN: 8WEH2Y** Hours: 8							
Attachments							

Test Notes

Test Procedure/Task: LPD-V024 T1 Rev: 80 Issue: 1 DWP #: 139037 WO #:				Test Date/Time: 07/15/09 0805	
Title: Solid Motor Interface Connection					
Site/Program: VAFB/Delta II		Location: RLCC		Mission:	
				Effectivity:	
Creator: Levesque, Mark Phone: 805-605-5311		Work Group: Operations		Shift: 1	Note Started: 07/15/09 1111
Title of Test: Test Conductor					
Description of Test					
Time	H/A	Description			
0805		Elevator stuck on level C			
0845		Cleared ACT to M&E room coord with SFT			
0845		PAd amber for V23 T3 and V24 T1.			
0915		All areas PA inop with noise Quintron working			
0930		Connections complete V24 and V23 level C. Crew taking break. Will safety wire/ torque stripe after standard break			
0935		Pad status lights(remote) inop. Gate light remains amber. RLCC light shows RED			
0950		V24 crew being rounded up by ATC due to PA outage			
1013		PA and status now operational			
1025		V23 crew back to stations			
1130		haz ops complete. Pad is Green			
CCN: Hours:					

Test Notes

Test Procedure/Task: DCI - Test Var-VACD-FACILITY DCI F7271				Test Date/Time: 07/15/09 1000	
Rev: Issue: 1		DWP #: 142530		WO #:	
Title: WISE, MST Vent Stack GHe Purge Supply					
Site/Program: VAFB/Delta II		Location: A31		Mission: Non-Flight	
Creator: Moen, Tillman		Work Group: Engineering Facilities		Shift: 1	
Phone: 805-606-6340 x2278				Note Created: 07/15/09 1544	
				Note Updated:	
Title of Test: Establish GHe Purge Capability-WISE MST Vent Stack					
Description of Test					
<p>1. Completed installation of the WISE MST vent stack GHe purge capability. Installation includes an X89 panel on MST level 5, inlet flex hose connected to the NH-78 GHe supply valve on MST level 5 with the outlet of the X89 panel routed by a 100 foot long flex hose up to the WISE MST vent stack. A 0-150 psig heise gage adjacent to the vent stack verifies the 100+/-5 psig at the vent stack purge orifice inlets.</p> <p>2. Completed the validation test of the WISE MST vent stack GHe purge system. Applied 250 +/- 10 psig from the HNPC SSPU to hand valve NH78 on MST level 5 and regulated that supply through the X89 panel to the WISE vent stack purge orifices to 100+/-5 for system leak test and purge flow verification. Installation and validation complete with no problems. WISE MST vent stack GHe purge capability ready for WISE S/C erection.</p> <p>Excellent crew: T. Lattoz and J. Lacasse</p>					
CCN: WDQ325VA					
Hours: 4					
Attachments					

Test Notes

Test Procedure/Task: LPD-V023 T3				Test Date/Time: 07/15/09 0700	
Rev: 83		Issue: 1		DWP #: 138955	
				WO #:	
Title: Ordnance Thruster Connection					
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: WorldView-2	
Creator: Knowles, Tom		Work Group: Engineering Mechanical		Shift: 1	
Phone: 805-606-6340 x2230				Note Created: 07/15/09 1714	
				Note Updated:	
Title of Test: Thuster TLX connects					
Description of Test					
<p>Completed TLX connects to all thusters forward and aft. LPD complete less photos.</p> <p>No anomalies.</p>					
CCN:					
Hours:					
Attachments					

Test Notes

Test Procedure/Task: LPD-V024 T1					Test Date/Time: 07/15/09		
Rev: 80		Issue: 1		DWP #: 139037		WO #:	
Title: Solid Motor Interface Connection							
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: WorldView-2		Effectivity:	
Creator: Kelman, Sam		Work Group: Engineering Mechanical		Shift: 1		Note Created: 07/15/09 1759	
Phone: 805-606-6340 x2229/6						Note Updated:	
Title of Test: Solid Motor Interface Connections							
Description of Test							
Completed SRM interface connections (ignition, separation, and destruct) with no anomalies.							
Great job by the crew.							
CCN:							
Hours:							
Attachments							

Test Notes

Test Procedure/Task: LPD-V083 T1					Test Date/Time: 07/15/09		
Rev: 14		Issue: 1		DWP #: 139028		WO #:	
Title: GSE Mission Software Verification and Database/System Checks							
Site/Program: VAFB/Delta II		Location: RLCC		Mission: WorldView-2		Effectivity:	
Creator: Jones, Rachel		Work Group: Engineering Electrical		Shift: 1		Note Created: 07/15/09 1823	
Phone: 805-606-6340 x2292/3						Note Updated:	
Title of Test: Mission Database Load							
Description of Test							
Successfully completed mission database load on Blockhouse TFE, TFE #1 & TFE #2. Completed export file load on ITS 1 & 3.							
Will finish database checkout tomorrow and export files to ITS 2.							
CCN:							
Hours:							
Attachments							

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #: Title:				Test Date/Time: 07/15/09 1500			
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission:		Effectivity:	
Creator: Hillier, Ed Phone: 805-606-6340 x2209		Work Group: Tech Services Group		Shift: 1		Note Created: 07/15/09 1800 Note Updated:	
Title of Test: SLC-2 TSG FIRST SHIFT							
Description of Test							
<p>DELTA:</p> <ul style="list-style-type: none">• V158 T1/3 DAILY FACILITY CHECKS -----COMPLETE• MAINTENANCE SUPPORT & 7I WORK ORDERS -----ACTIVE WITH MISC WORKORDERS• ENVIRONMENTAL COMPLIANCE / CAL LAB / LPD PARTS PULL SUPPORT -----ACTIVE AND ON GOING• HYDRO LAB ----- ACTIVE AND ON GOING• A/C / PROOFLOAD / MACHINE SHOP SUPPORT -----ACTIVE WITH MISC A/C / MACHINE SHOP ITEMS, SEE CHAMBLESS TEST NOTES FOR PROOFLOAD AREA <p>WORLDVIEW-2:</p> <ul style="list-style-type: none">• V42 T2 DAILY VEHICLE INSP -----COMPLETE• V57 T1 POST VOS CLEANING (PALT) -----ACTIVE SUPPORTING A/R• V86 T3 A/C SYSTEM VERIFICATION -----ACTIVE• V24 T1 S/M INTERFACE CONNECTS -----COMPLETE• V23 T3 THRUSTER CONNECTS -----COMPLETE• V23 T4 SOLID MOTOR FINALING & INSULATING -----ACTIVE• V42 T2 SERVICE 2ND STAGE HELIUM SYSTEM -----COMPLETE• V20 T5 TIEDOWN SYSTEM INSTALL -----COMPLETE, REMINING ITEM IS INSTALL LOX FILL LINE PURGE, SCHEDULED FOR FRIDAY 7/17 <p>WISE:</p> <ul style="list-style-type: none">• VACD DCI F7271 INSTALL MST VENT STACK GHE PURGE SUPPLY -----COMPLETE <p>ED HILLIER / RAY ALCAMO</p>							
CCN: Hours:							
Attachments							

Test Notes

Test Procedure/Task: DPAD-1D88000-P0208				Test Date/Time: 07/15/09 0600	
Rev: J		Issue: 1		DWP #: WO #: 111111	
Title: Second Stage CKT Test					
Site/Program: Decatur/Delta II		Location: Delta II Second Stage Checkout (D2SSCO)		Mission: WISE	
Effectivity: 20240					
Creator: Schoknecht, Dustin		Work Group: Engineering		Shift: 1	
Phone: 256-432-1885				Note Created: 07/15/09 1614	
				Note Updated:	
Title of Test: Second Stage CKT Test					
Description of Test					
Testing got started today. There were some initial hookup corrections that had to be made in the software. The first run at low voltage revealed several continuity errors that are either coded incorrectly or are due to setup errors. Will troubleshoot tomorrow and update.					
CCN:					
Hours:					
Attachments					